

An Extract of another Letter written by the same, concerning two Experiments made for finding another Passage of the Urine, besides the known one; as also some Circumstances relating to the precedent Invention of making Sea-water potable.

— **H**AVING been, not long since, employed in searching after the *Passage* of the *Urine* * in Animals, I made, for that purpose, a Dog drink a good quantity of water, and thereupon caused his *Ureters* to be well tyed about, and emptied his bladder. After two hours I found the Bladder empty, and the *Ureters* were not tumid above the Ligature. Being surpris'd thereat, I believed, that the cause might be the too much cooling of the inward parts, that had all this while been expos'd to the Air; the Section having been made *Cross-wise*, after the ordinary manner. To avoid this inconvenience, I thus reiterated the Experiment upon another Dog; I caused a small opening to be made on each side, sufficient to find and to tie the *Ureters*, and to squeeze the Urine out of the Bladder, by pressing it with ones hand. This done, I made these Openings to be sow'd up again; and then having made the Dog drink good store of water, I left him for near three hours in the least violent posture that his Ligatures would permit. Afterwards having open'd both the holes, and the Bladder being press'd with the hand, there issued out of it a pretty quantity of Urine, and the *Ureters* seem'd to be a little swelled above the Ligature. This Operation was made with great exactness; but yet as it is of importance for discovering the way of the Urine, I would have repeated it often, if I had not been oblig'd hastily to come away from the place where I then was, I am not now at leisure to try it again; but I exhort you, *Sir*, to engage some of your best Anatomists, among other researches to employ themselves in this Inquiry.

M m 2

Monsieur

* What is here more largely related, was briefly intimated in Num. 65. p. 2084.

Monsieur *Hauton* maintains, that his distill'd Sea-water (whereof I formerly wrote to you the proceſſe) is altogether ſalubrious. He proveth it *fiſt* from Experience, it having been given to Men and Beaſts without any ill-eſſect at all upon them. *ſecondly*, from Reaſon, grounded on this, that that peculiar Earth, heretofore made mention of, being mixed with the diſtill'd Water, blunts the points of the Volatil Spirits of the Salt, and ſerveth them for ſheaths, if I may ſo ſpeak, taking away their force and maligne ſharpneſs, &c. *St. Germain*, October 30. 1670.

A Relation

Of the abundance of Wood, found under ground in Lincolnſhire; communicated by a Friend, well acquainted with that Country.

THat Fenny Tract, call'd the *Iſle of Axholme*, lying part in *Lincolnſhire* and part in *Yorkſhire*, and extending a conſiderable way, hath anciently been a Woody Country, witneſs the abundance of Oak, Firr, and other Trees, of late frequently found in the *Moore*; whereof ſome Oak are five yards in compaſs, and ſixteen yards long; others ſmaller and longer, with good quantities of Akorns near them, lying ſomewhat above three foot in depth, and near their roots, which do ſtill ſtand as they grew, *viz.* in firm Earth below the Moor. The Firrs lye a foot or eighteen Inches deeper, more in number than Oak, and many of them thirty yards long; one of them being, not many years ſince, taken up of *thirty ſix* yards long beſides the top; lying alſo near the root, which ſtood likewiſe as it grew, having been burnt and not cut down, as the Oak had been alſo. The Number of theſe trees is reported by Mr. *Dugdale*, in his Book of *Drayning the Fens in England* (where you will find this whole narrative confirm'd) to be ſo great, that the Inhabitants have, for divers years laſt paſt, taken up many Cart-loads in a year.

As to the firſt time of the overflowing of this Woody level, no Account is given, that I know of, not by the Inquiſitive and Learned Antiquary Mr. *Dugdale* himſelf. He only ſaith, that
the